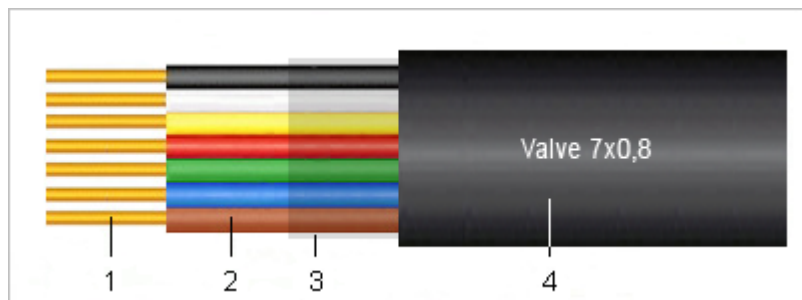


DATASHEET

Valve Irrigation cable**Structure**

- > 1 Solid bare copper conductor
- > 2 Halogen-free polyolefin (PE) core insulation
Cores twisted in layers (*Twisting direction Z axis*)
- > 3 Polyester plastic (PET) foil wrapping over the cores
- > 4 Halogen-free polyolefin (PE) outer sheath, UV resistant, black colour
RAL 9004 with imprint:
"Valve Irrigation Cable, Lot number, Meter number"

Dimensions

Conductor structure nominal	Outer Ø nominal [mm]	Conductor resistance at 20 °C [Ω/100m]	CU weight nominal [kg/km]	Weight approx. [kg/km]
2x0,8 mm (0,5 mm ²)	4,9	<39,0	9,5	21
3x0,8 mm (0,5 mm ²)	5,3	<39,0	14,0	27
5x0,8 mm (0,5 mm ²)	6,0	<39,0	23,0	39
7x0,8 mm (0,5 mm ²)	6,5	<39,0	32,0	56
2x1,0 mm (0,78 mm ²)	5,8	<25,0	14,5	29
3x1,0 mm (0,78 mm ²)	6,1	<25,0	21,5	36
5x1,0 mm (0,78 mm ²)	7,0	<25,0	36,0	55
7x1,0 mm (0,78 mm ²)	8,0	<25,0	51,0	73

Application


Irrigation cable is used for connecting solenoid valves in electrically controlled irrigation systems.

Suitable for use in direct underground applications.

DATASHEET

Valve Irrigation cable

Properties

- > Solid bare copper conductors, polyethylene (PE) core insulation, UV resistant polyethylene (PE) outer sheathed cable.
- > Cable is in accordance with standards:
EN 50575:2014 reaction to fire;
EN 13501-6 fire classification;
Made according to specification of irrigation system producers.
- > The special characteristic of this irrigation cable is the UV resistant polyethylene (PE) outer sheath allows installation this cable into the earth.
- > The irrigation cable is REACH compliant as well as meeting the requirements of other legislation such as the RoHS Directive. The materials used in this cable are cadmium-free and contain no silicone and do not represent health hazards and minimize the environmental impact.
- >  Product meets all the legal requirements for CE marking and can be sold throughout the European Economic Area (EEA).

Technical data

Peak working voltage:	48 V
Working voltage:	24 V AC
Test voltage:	800 V eff. (Core/core, AC 50 Hz)
Temperature range:	Fixed installation -30 °C to +70 °C
Insulation resistance:	Min. 100 MΩ x km
Mutual capacitance:	At 800 Hz max. 100 nF / km
Minimum bending radius:	Fixed installation 10 x cable Ø

Packaging

In coil or drum.